

Message Text

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PAGE 01 IAEA V 01115 111522Z
ACTION OES-06

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C O N F I D E N T I A L IAEA VIENNA 1115

PASS IO/SCT; NRC; ACDA/HOUCK

ERDA GERMANTOWN PASS MCDOWELL

E.O. 11652: GDS

TAGS: IAEA, PARM, TECH

SUBJECT: ADVISORY GROUP MEETING ON SAFEGUARDS FOR URANIUM ENRICHMENT
FACILITIES, TOKYO, MARCH 7-11, 1977

REFS: A) IAEA VIENNA 833; B) STATE 26148; C) IAEA VIENNA 268

1. FURTHER TO REF A, FOLLOWING NAMES OF PARTICIPANTS
NOMINATED FOR REF MEETING WERE OBTAINED INFORMALLY FROM
AGENCY (SOME PHONETIC SPELLING). FRG (D. GUPTA, J. HEIL,
SCHMIDT); JAPAN (HIRATA, KAWASAKI, KURIHARA, ISHIMOTO,
NISCHIKIDO, INOUI, SATO, TAMARI, MATSUMI); UK (F. BROWN,
H. HUGES, STURMAN, CHAMBERLAIN OF URENCO); NETHERLANDS
(BOGART, WHO IS DIRECTOR OF CENTRIFUGE PROJECT); FRANCE
(COETES, LECOMPTE); SOUTH AFRICA (TATTERSAAL); AUSTRALIA
(HANNA); USSR (POSSIBLY RYZHOV); USA (MCDOWELL). THERE IS
ALSO INDICATION THAT IF I.G. ROMETSCH DECIDES TO ATTEND,
EURATOM SAFEGUARDS CHIEF H. SCHLEICHER WOULD ALSO GO.

CONFIDENTIAL

CONFIDENTIAL

PAGE 02 IAEA V 01115 111522Z

2. AGENCY IS NOW SENDING OUT TO MEETING PARTICIPANTS
A PACKAGE OF INFORMATION CONSISTING OF A) UPDATED
VERSION OF BACKGROUND PAPER (COPY OF EARLY VERSION
SENT MCDOWELL 20 JANUARY), B) WORKING PAPER FOR
MEETING, AND C) DRAFT DESIGN INFORMATION QUESTIONNAIRE
FOR SUCH PLANTS.

3. AGENCY'S IMMEDIATE OBJECTIVES FOR MEETING ARE TO GET GUIDANCE ON HOW TO EFFECTIVELY SAFEGUARD ALMELO PLANT. RESULTS WILL INITIALLY BE USED BY AGENCY IN DRAWING UP FACILITY ATTACHEMENTS WITH EURATOM SHORTLY. IF SCHLEICHER DOES ATTEND MEETING, THERE MAY BE STRONG EFFORTS TO REDUCE INDEPENDENCE OF AGENCY'S SAFEGUARDS IMPLEMENTATION.

4. A KEY ISSUE IS ON WHAT BASIS WILL IAEA BE ABLE TO DETERMINE ITS ACCESS RIGHTS TO SUCH FACILITIES? WILL CONCERNS FOR PROTECTION OF PROPRIETARY INFORMATION IN SUCH FACILITIES CAUSE INVOCATION OF INFCIRC/153, ARTICLE 76D AND, IF SO, WHAT SPECIAL ARRANGEMENTS TO OVERCOME THE "EXTENDED LIMITATIONS" WOULD BE NECESSARY? OR WOULD ARTICLE 80B OR C BE USED? WOULD SIMPLE ACCEPTANCE OF PLANT OPERATORS DECLARED LIMIT OF ENRICHMENT CAPABILITY BE AN ADEQUATE BASIS FOR CALCULATING ACCESS LIMITS (I.E., INSPECTOR MAN-DAYS IN PLANT)? IF OPERATOR CLAIMS LESS THAN 5 PERCENT, AGENCY WOULD HAVE TO USE LOW FIGURES RESULTING FROM ARTICLE 80C. HOW CAN AGENCY KNOW WHETHER OPERATOR IS ABLE TO ENRICH ABOVE 5 PERCENT, IN WHICH CASE MORE LIBERAL ARTICLE 80B FORMULA SHOULD BE USED?

5. IF MINOR ISOTOPE TECHNIQUES ARE OF POSSIBLE INTEREST IN HELPING TO SOLVE TECHNICAL PROBLEMS OF SAFEGUARDING THESE PLANTS, US TEAM SHOULD BE PREPARED TO SUPPORT CONCEPT, SINCE SCIENTIFIC SECRETARY OF MEETING FEELS INTEREST IN THESE TECHNIQUES. IS WANING IN OTHER COUNTRIES.
CONFIDENTIAL

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PAGE 03 IAEA V 01115 111522Z

6. IN VIEW OF SIGNIFICANCE OF SUBJECT MEETING, AND RECALLING US/TRIPARTITE (URENCO PARTIES) DIFFERENCES DURING THE 1972 AND 1974 MEETINGS, DEPARTMENT MAY WISH CONSIDER PRELIMINARY INFORMAL BILATERAL DISCUSSIONS WITH KEY PARTICIPANTS THIS MEETING SUCH AS UK, FRG, NETHERLANDS AND POSSIBLY OTHERS. DATE OF MEETING IS STILL MARCH 7-11 ACCORDING TO VONBAECKMAN (SEE REF B, PARA 2).

7. REGARDING DEPARTMENT CONSIDERATION OF NOMINATING ADDITIONAL US INDIVIDUALS TO ATTEND MEETING (REF B, PARA 1), MISSION RECOMMENDS US TEAM SIZE AND COMPOSITION REFLECT BOTH TECHNICAL AND POLITICAL SIGNIFICANCE OF MEETING AND THE NEED TO BE PREPARED TO COVER DETAILED TECHNICAL DISCUSSIONS WITH CLEAR UNDERSTANDING OF POLITICAL IMPLICATIONS. STONE

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